

PRODUCT DATA SHEET

PALFINGER GEAR OIL 80W-90

- High performance, Genuine PALFINGER Gear Oil for wide range of applications that may require SAE 80W-90, 90 or 80W fluids.
- Based on selected base oil with modern anti-wear additive technology, meeting demanding PALFINGER & Industry Standards.
- Provides outstanding protection under severe mechanical and thermal stress and superior performance in PALFINGER mobile equipment for slewing mechanisms and other gear or transmission systems that requires this type of oil.
- Reduced friction for improved efficiency – an oil that you can rely on to help protect gear sets from pitting, bearing failure and corrosion for reduced maintenance and longer equipment life. PALFINGER Gear Oil has excellent oxidation stability for long oil life and contains additives that ensure long-term protection for your components.

PERFORMANCE & BENEFITS

LONGER OIL LIFE → BETTER COMPONENT PROTECTION

Limiting fluid degradation can help to prolong oil and component life. PALFINGER Gear Oil has excellent resistance to physical and chemical breakdown, which means that it can go on protecting components for longer.

EXCELLENT WEAR PROTECTION → LONGER COMPONENT LIFE

Protecting gears from wear, pitting and corrosion can help to extend component life and maximise your return on investment. PALFINGER Gear Oil offers excellent protection by helping to prevent damaging deposits from forming in the gears, thanks to its high oxidation resistance as well as protect against wear.

IMPROVED SYSTEM EFFICIENCY → RELIABLE OPERATIONS

PALFINGER Gear Oil has special frictional properties that reduce power loss and offer higher mechanical efficiency. These properties can help to cut fuel costs for your business. It also has a shear-stable formulation for improved flow properties and shiftability at low temperatures.

APPLICATIONS

PALFINGER Gear Oil is used as running in & initial fill oil in PALFINGER products. It can be used in all current and older PALFINGER equipment and generally in gear and transmission systems in exposed environments subjected to wide variations in temperature. Generally it is suitable for moderately to heavily loaded on- and off-road driveline applications, including automotive gearboxes; hypoid gear axles; general and ancillary equipment gear sets; and some industrial equipment. It is also suitable for non-synchronized transmissions.

SPECIFICATIONS & APPROVALS

- PALFINGER Standard PNORM 04.01.03

PALFINGER Gear Oil meet the requirements of a wide range of industry bodies & equipment manufacturers.

TECHNICAL DATA

Properties	Unit	Method	PALFINGER Gear Oil 80W-90
Kinematic Viscosity @ 40°C	mm ² /s	ISO 3104	169
Kinematic Viscosity @ 100°C	mm ² /s	ISO 3104	16.9
Density @ 15°C	kg/m ³	ISO 12185	899
Flash Point (COC)	°C	ISO 2592	220
Pour Point (in °C)	°C	ISO 3016	-30

These characteristics are typical of current production, variations in these characteristics may occur.

HEALTH, SAFETY & ENVIRONMENT

Health and Safety Guidance on Health and Safety is available on the appropriate Safety Data Sheet. Protect the Environment Take used oil to an authorized collection point. Do not discharge into drains, soil or water.